



## **3-Port HDMI Amplified Switcher Model #33-10533**

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# Ultra-High Performance 3 Port HDMI Amplified Switcher

## DEAR CUSTOMER

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

## 1.0 INTRODUCTION

This intelligent HDMI 3X1 Amplifier Switcher allows up to three HDMI source devices to be switched into one HD monitor or projector. Specially adopted “touch-button” design greatly eases input selection and provides improved reliability. Another benefit is the location of one input on the front panel of the device. This not only reduces the products size, but also greatly eases use with temporary or portable input source devices.

## 1.1 INTELLIGENT FUNCTION

- 1) Once a source device is turned on (or plugged while turned on) the switcher automatically selects that source.
- 2) Once that source device is turned off or un-plugged, the switcher automatically selects the next powered-on source in the sequence (input1 > input2 > input3 > input1 etc.>)
- 3) To select manually, simply use the “touch-button” to advance to the next input in the sequence (input1 > input2 > input3). The switcher will automatically skip source inputs that are not connected, or sources that are not powered.

### Note:

The operation of the Intelligent Function will be impacted by the source devices operation in standby mode. If power is still applied to the HDMI output when the source is in standby mode, the switcher will treat this source as if it is “on”.

## 1.2 FEATURES

This HDMI Amplifier Switcher has many features that enable it to perform in a superior manner. Included are the following:

- I One input port on the front panel, ideal for portable devices
- I Multiple switching methods: intelligent, IR remote or by touch button
- I Supports HDMI 1.3b
- I Supports highest video resolution 1080p.
- I Supports 250MHz/2.5Gbps per channel (7.5Gbps all channel) bandwidth.
- I Supports 12bit per channel (36bit all channel) deep color.
- I HDCP pass-through.
- I Supports uncompressed audio such as LPCM.

- I Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD) .

## 2.0 SPECIFICATIONS

<b>Signal Inputs/Output</b>	
Input DDC Signal	5V p-p (TTL)
Maximum Single Link Range	1920 X 1080p
Output Video	HDMI 1.3b
<b>Operating Frequency</b>	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	2.5Gbps / 250MHz
<b>Resolutions(HDTV)</b>	
Interlaced(50&60Hz)	480i, 576i, 1080i
Progressive(50&60Hz)	480p, 576p, 720p, 1080p
<b>Mechanical</b>	
Size(L-W-H)	155 × 69.5 × 23mm
Weight(Net)	260g
<b>Warranty</b>	
Limited Warranty	1 Year Parts and Labor
<b>Environmental</b>	
Operating Temperature	0 °C to +70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90 % RH (no condensation)
<b>Power Requirement</b>	
External Power Supply	5V DC@2A
Power consumption (Max)	5W
<b>Accessories</b>	
AC Power Adapter	Standard US type
IR remote	
User Manual	English Version

**Note:** Specifications are subject to change without notice.

## 3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are included:

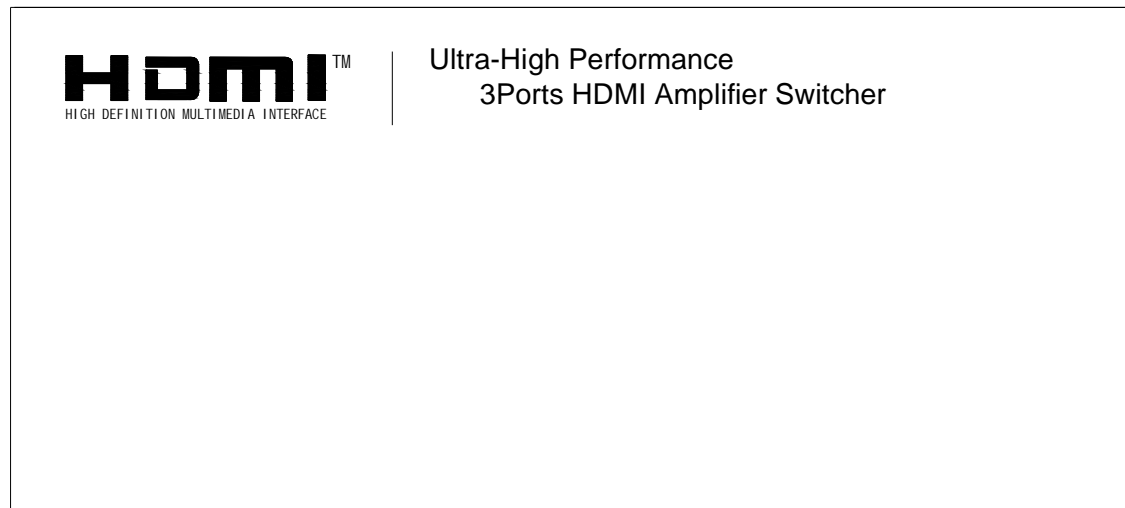
- I Main unit
- I Remote control
- I 5VDC Power Supply
- I User's Manual

## 4.0 PANEL DESCRIPTIONS

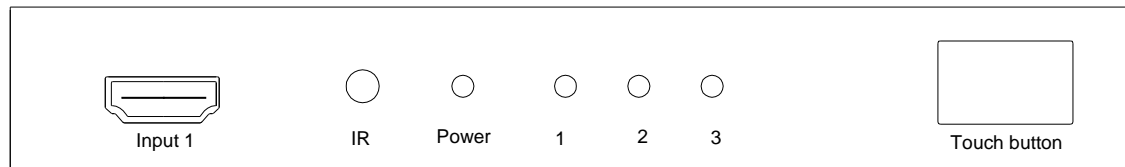
Back Panel:



Upper Panel:



Front Panel:



## 5.0 Connection and Operation

- 1) Connect input ports of this Switcher to each HDMI source device. (Input cables are optional)  
\*Please refer to connection diagram section.
- 2) Connect output port of this Switcher to HD display.
- 3) Insert the DC side of 5v power supply into the HDMI switch and then connect the AC side of the power supply into the wall outlet.
- 4) Turn on the power.

**Attention:** Insert / Extract cables gently.

## 5.1 CONNECTION DIAGRAM

